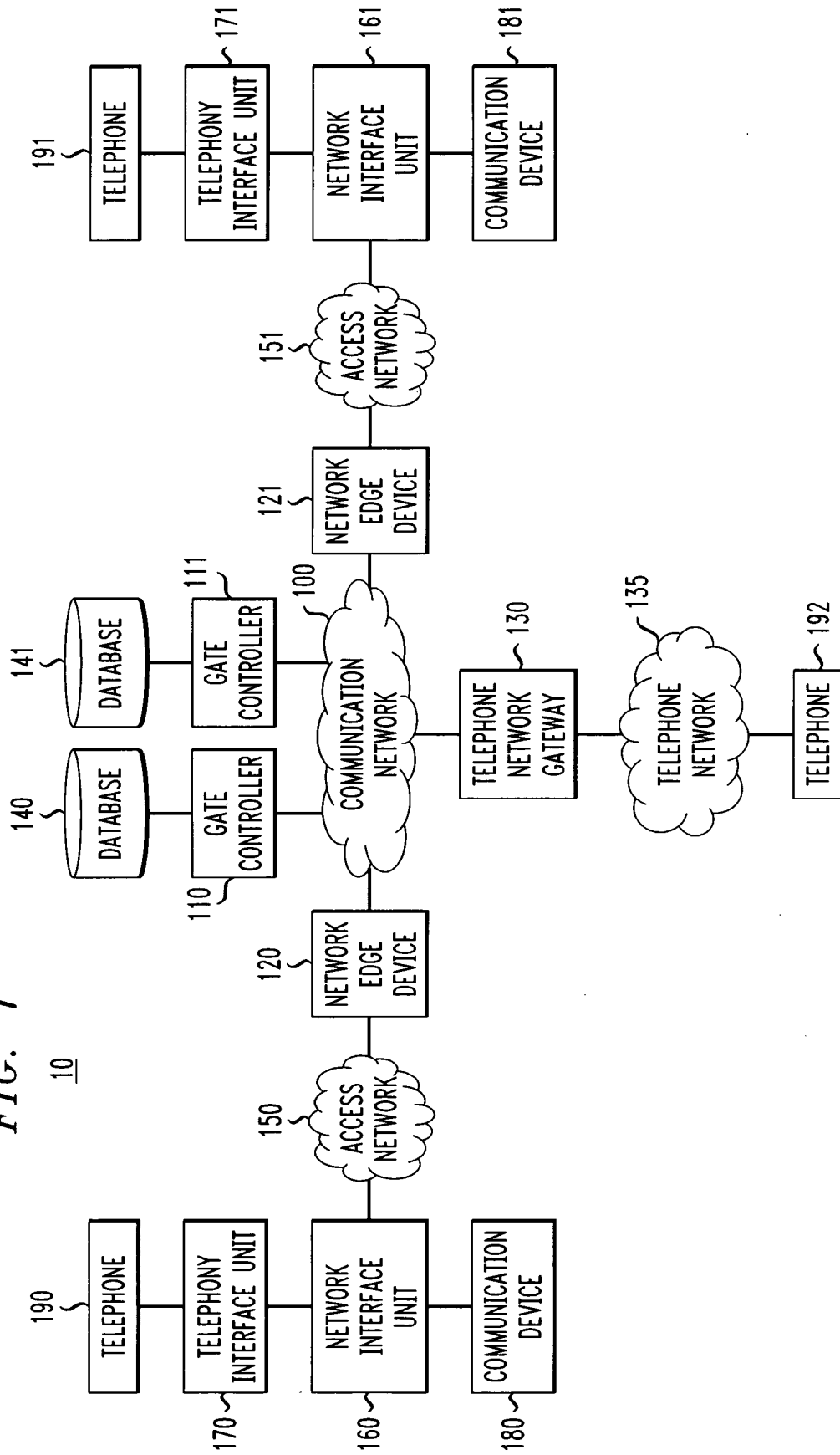




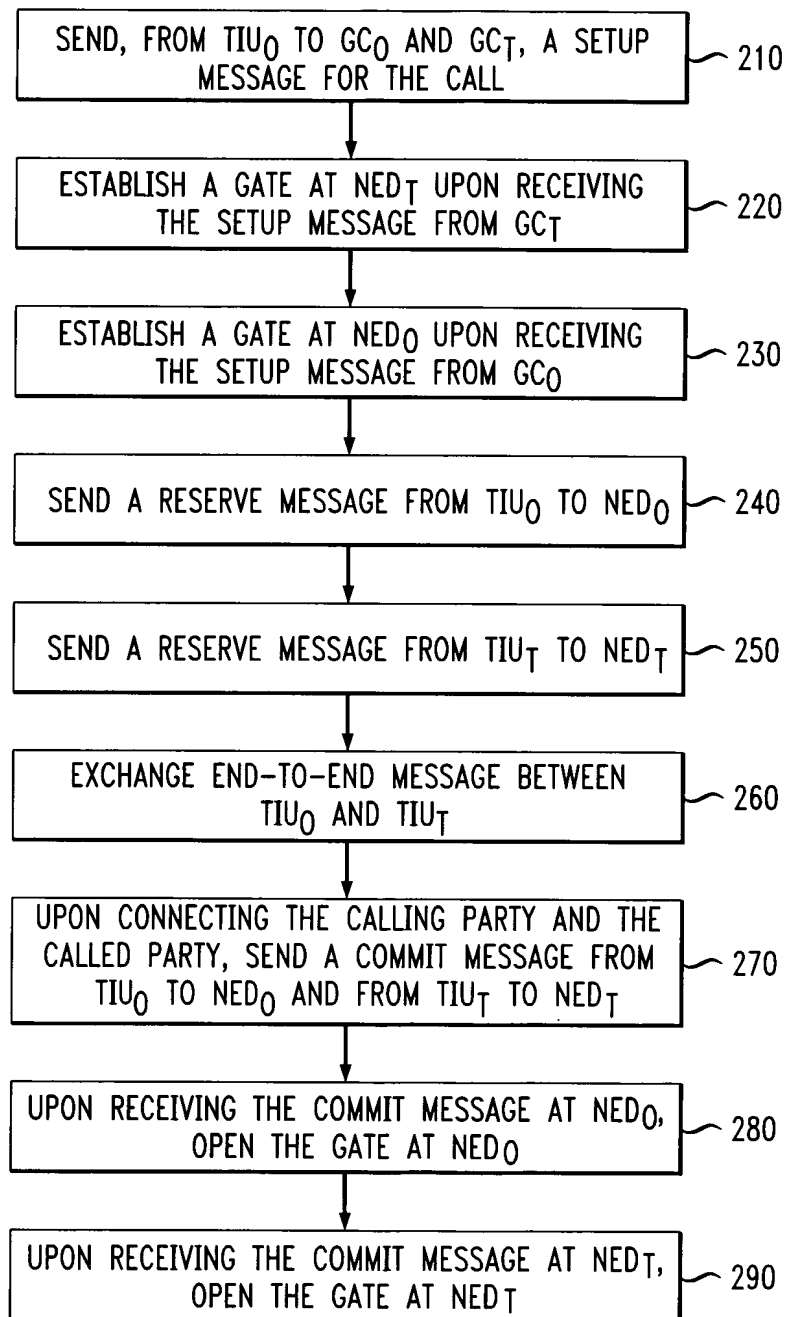
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FIG. 1



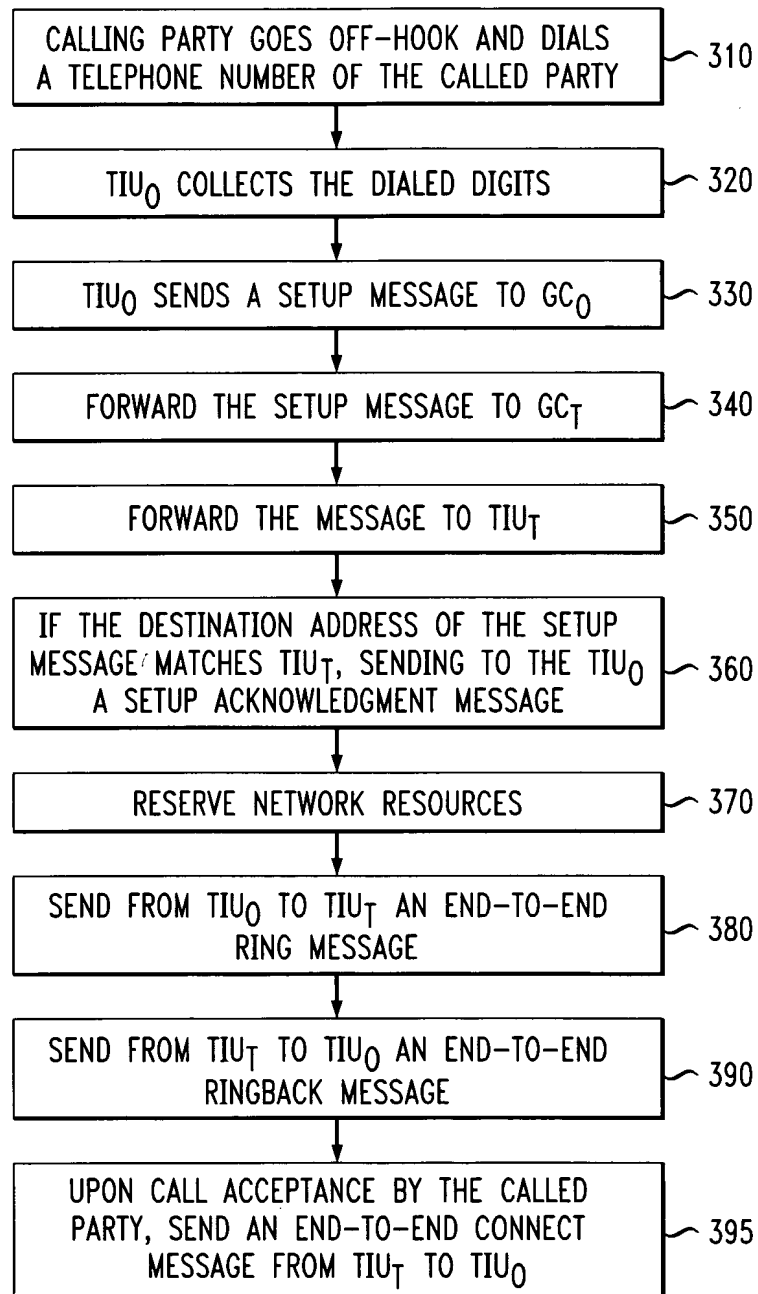
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FIG. 2



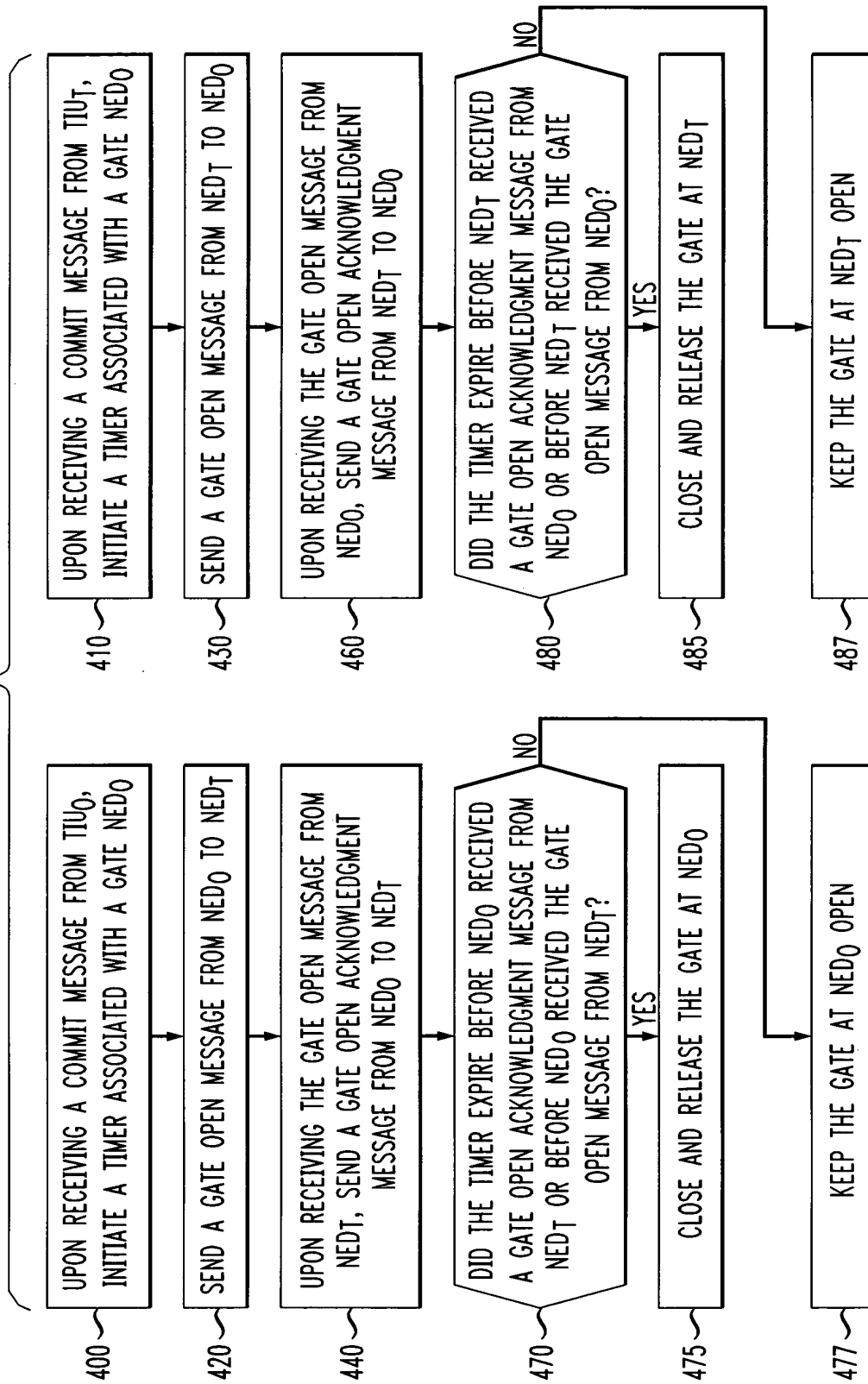
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FIG. 3



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FIG. 4



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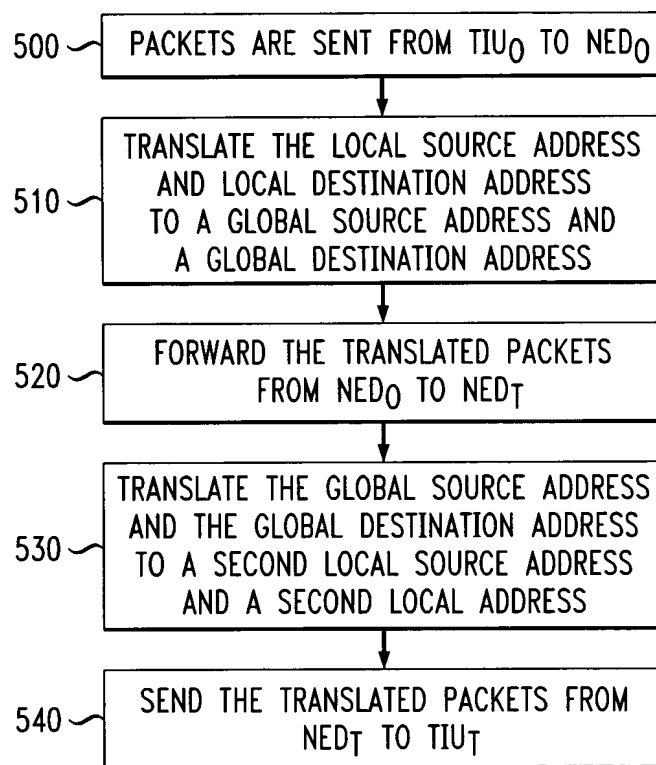
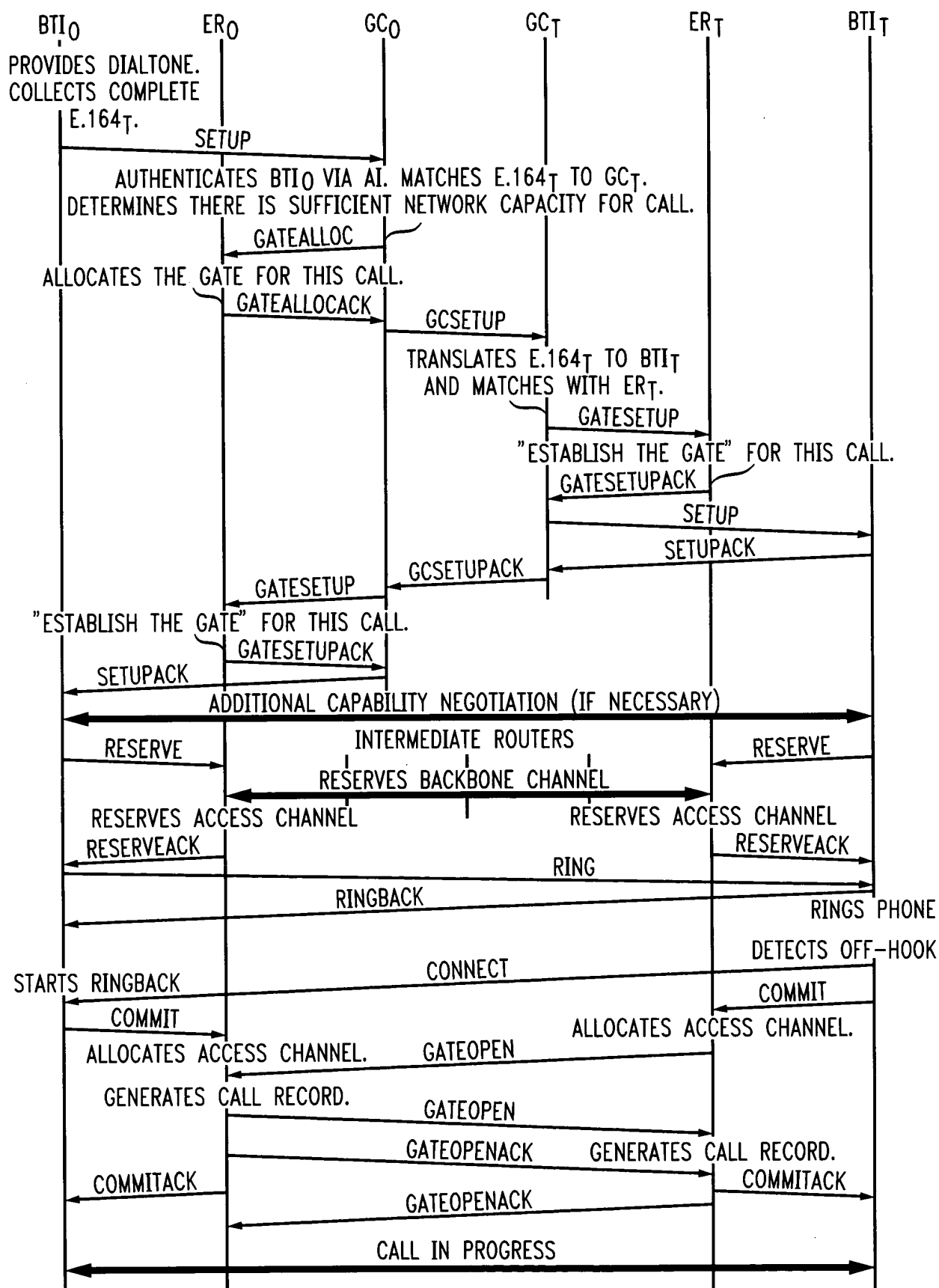
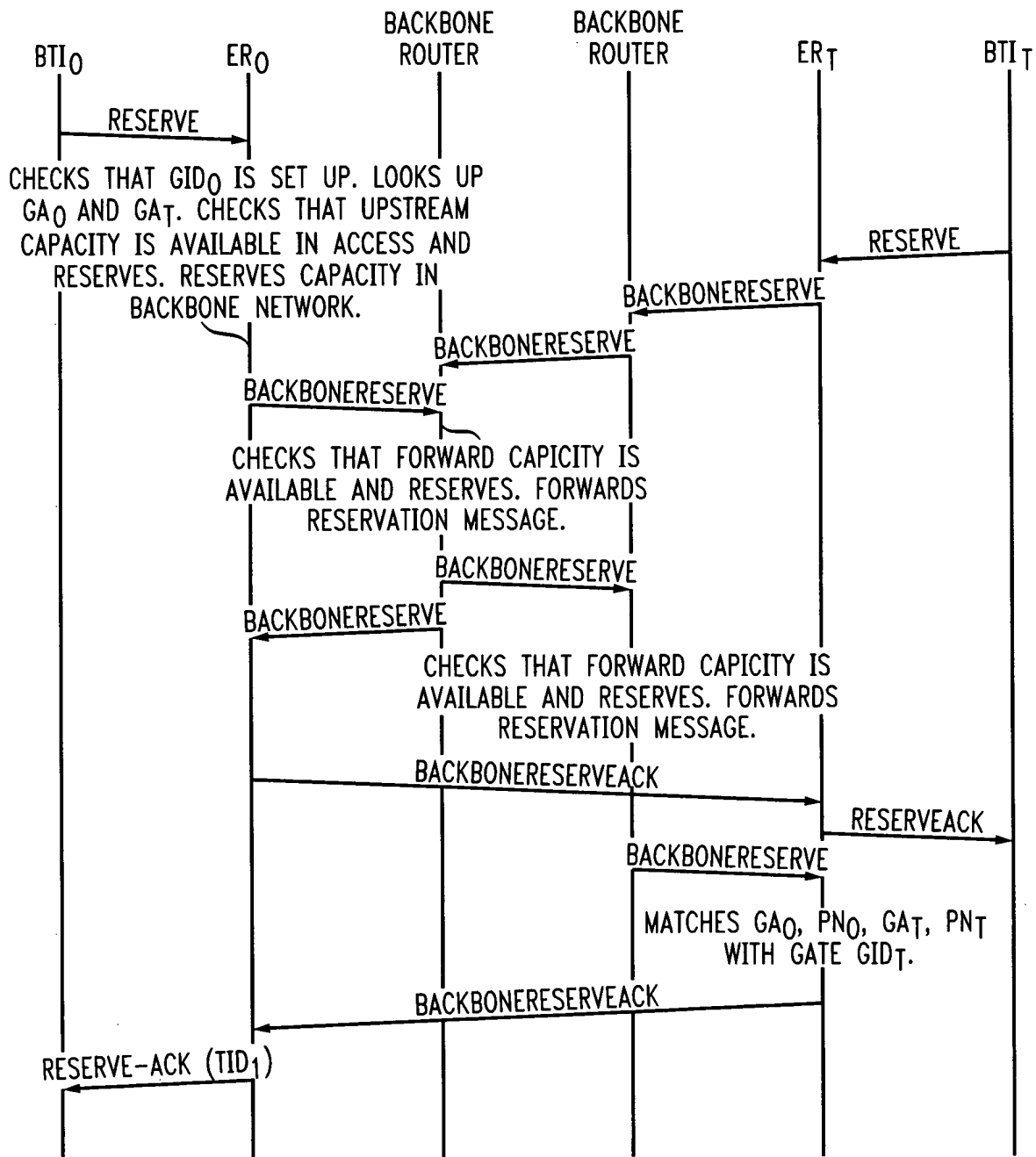
FIG. 5

FIG. 6



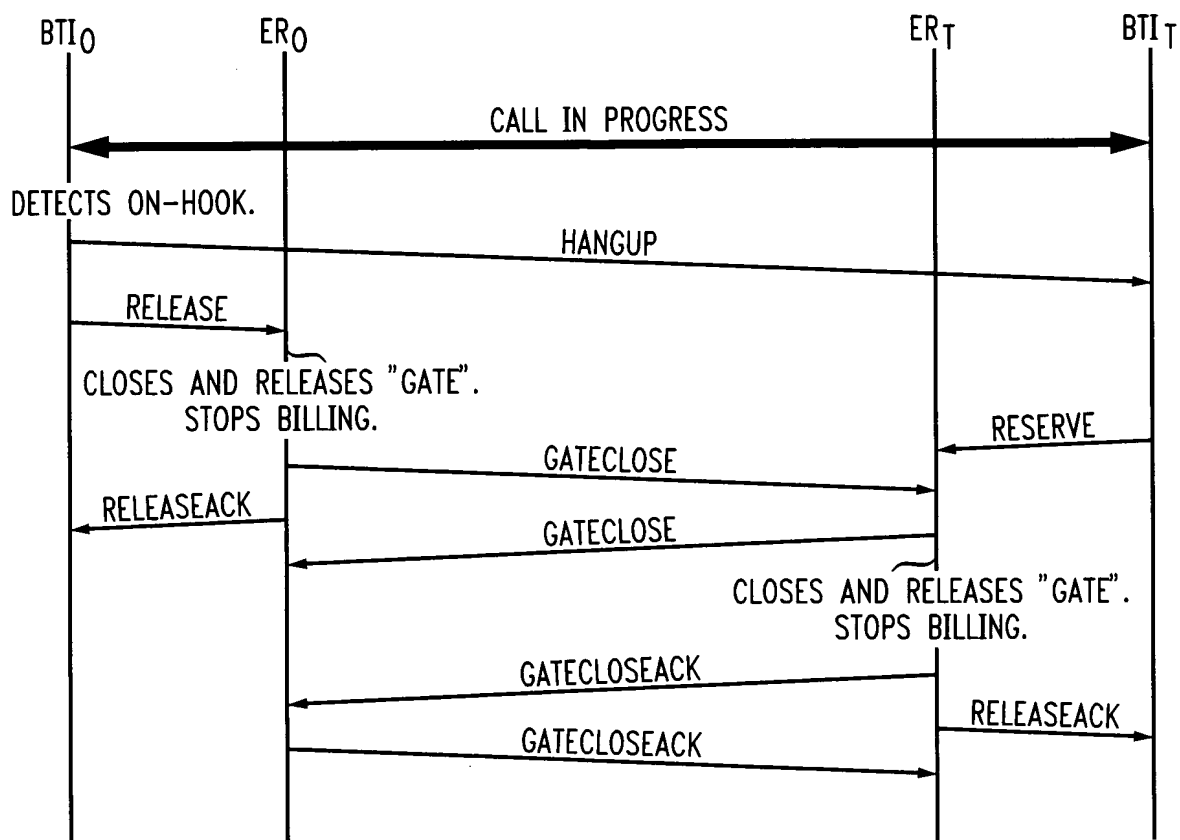
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FIG. 7



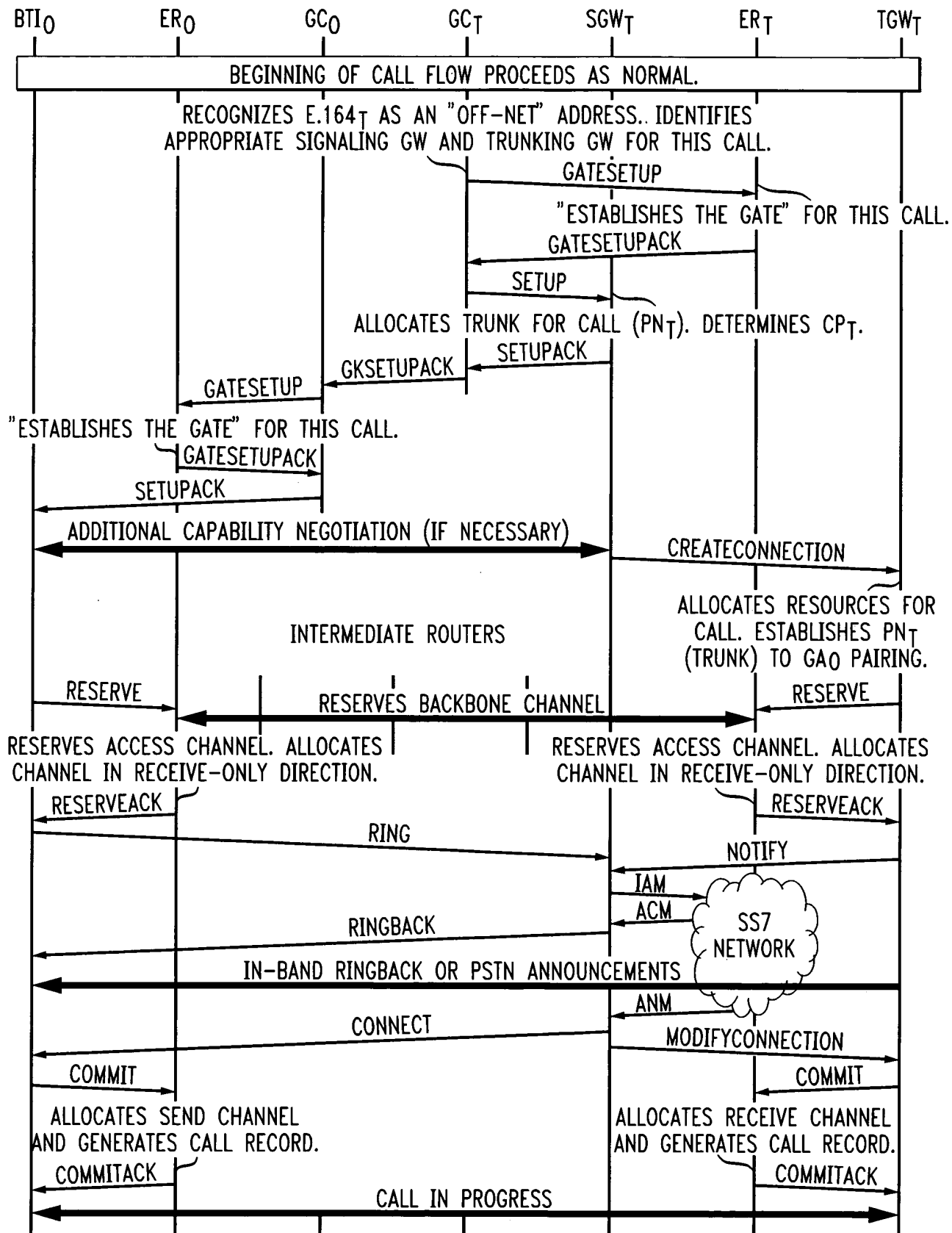
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FIG. 8



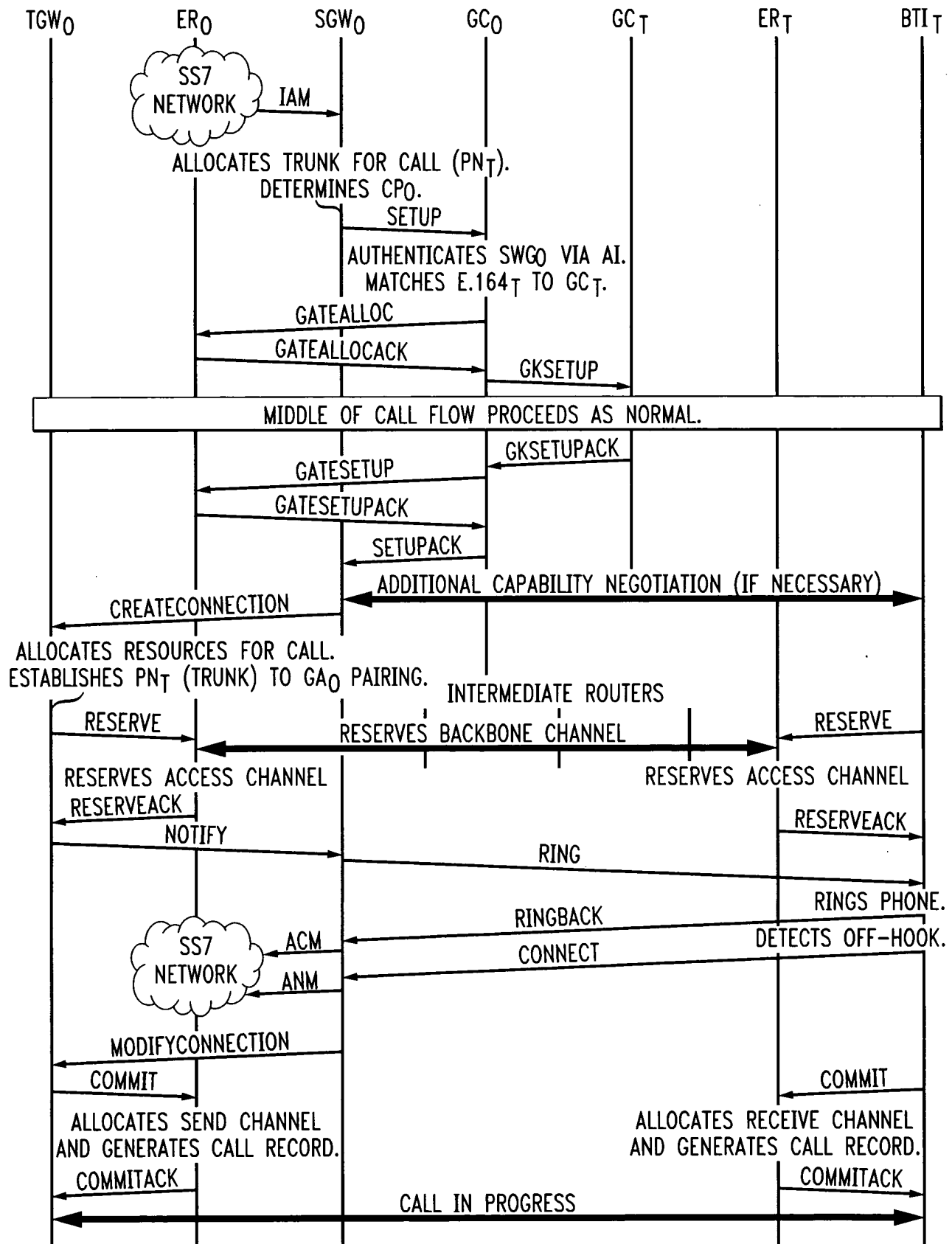
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FIG. 9

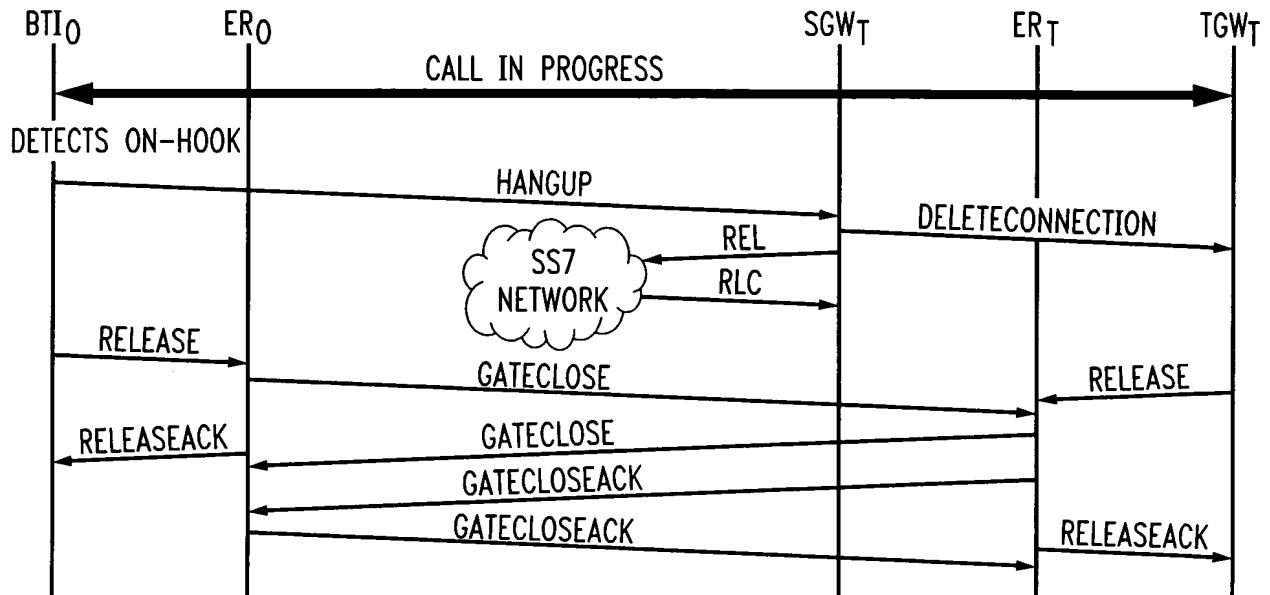
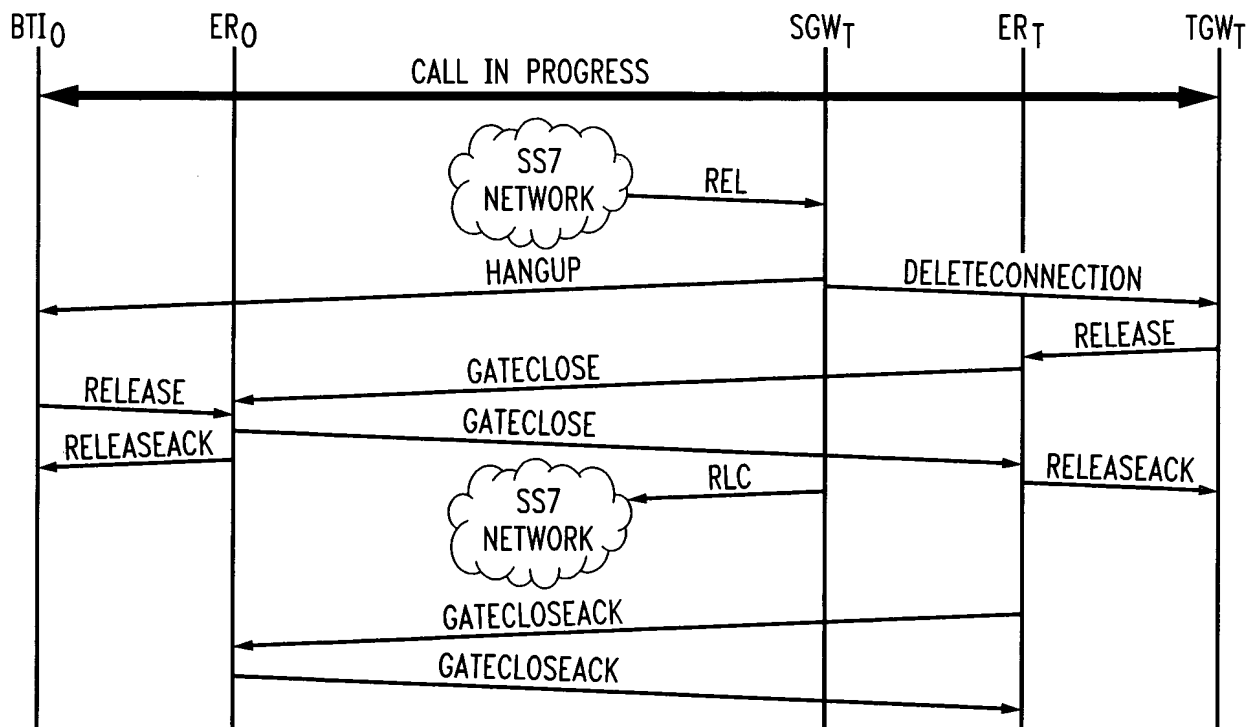


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FIG. 10



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FIG. 11*FIG. 12*

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FIG. 13

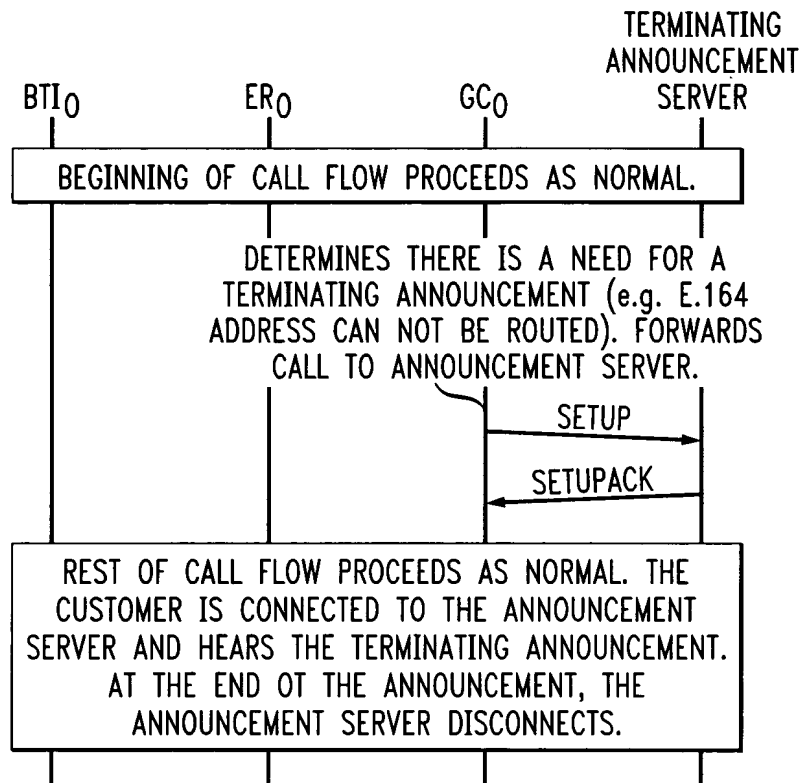


FIG. 14

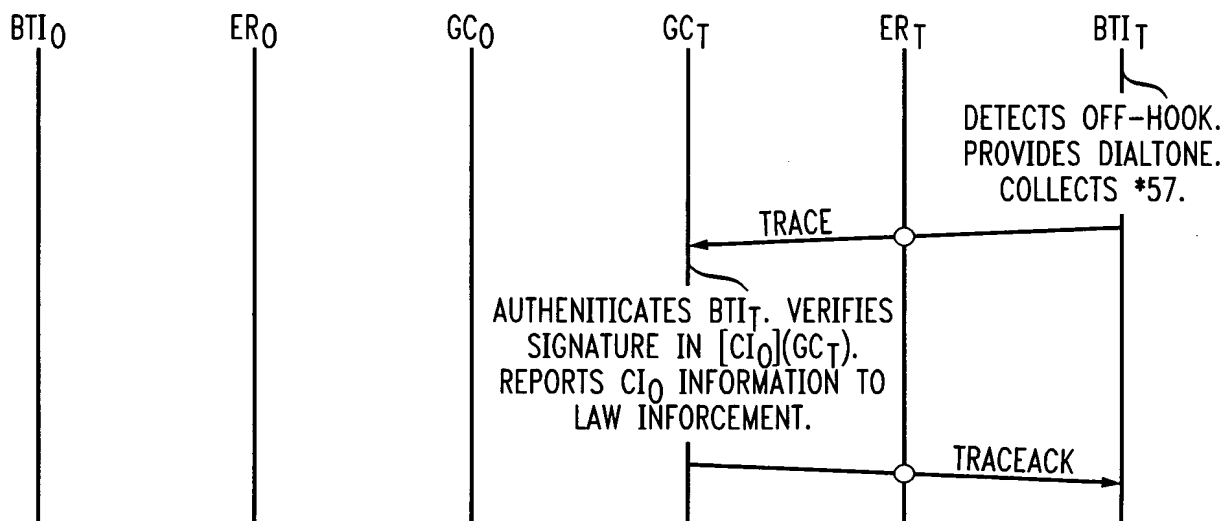


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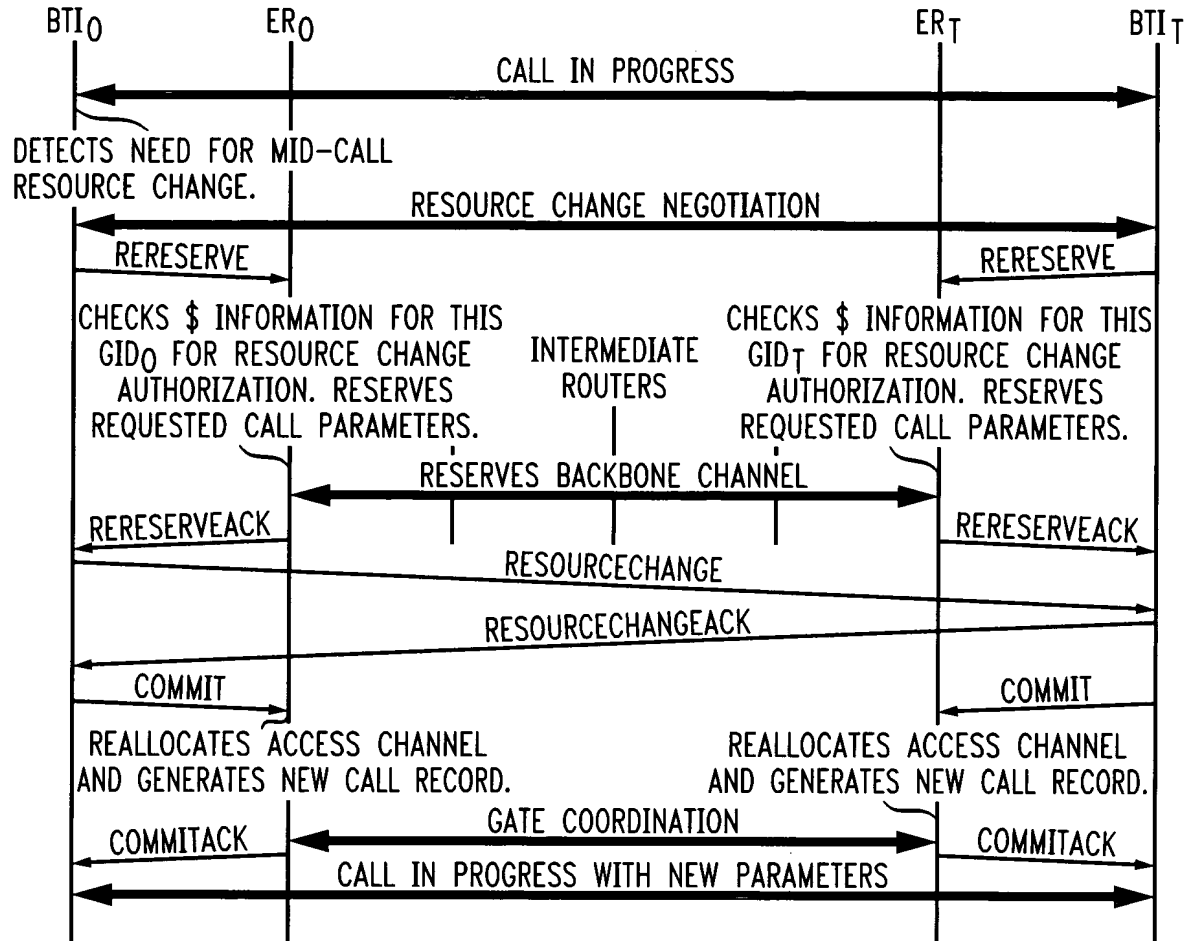
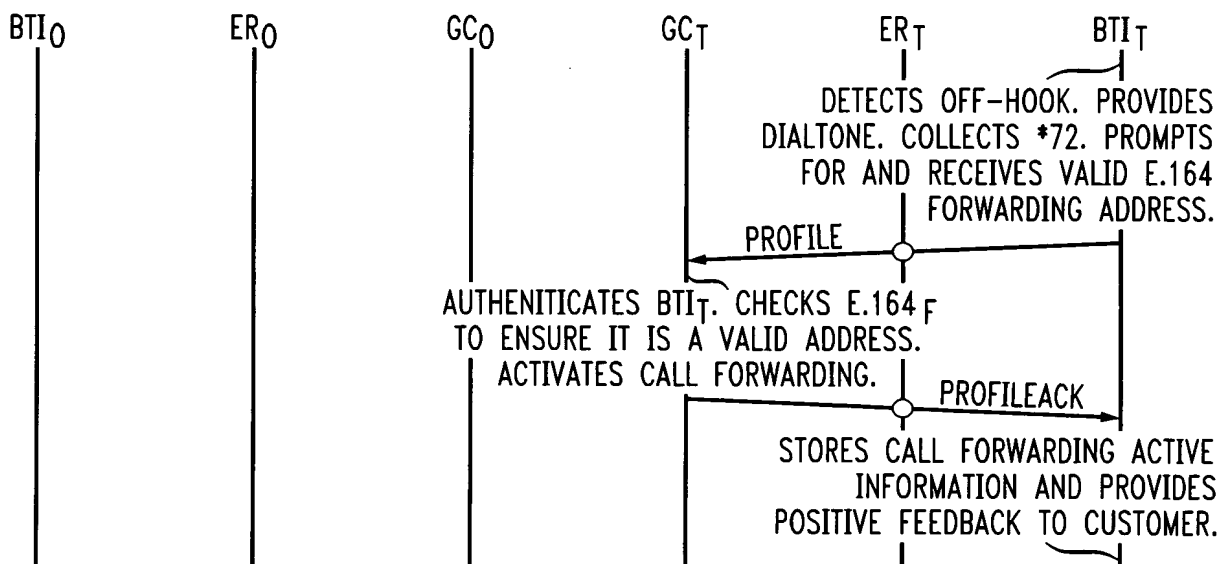
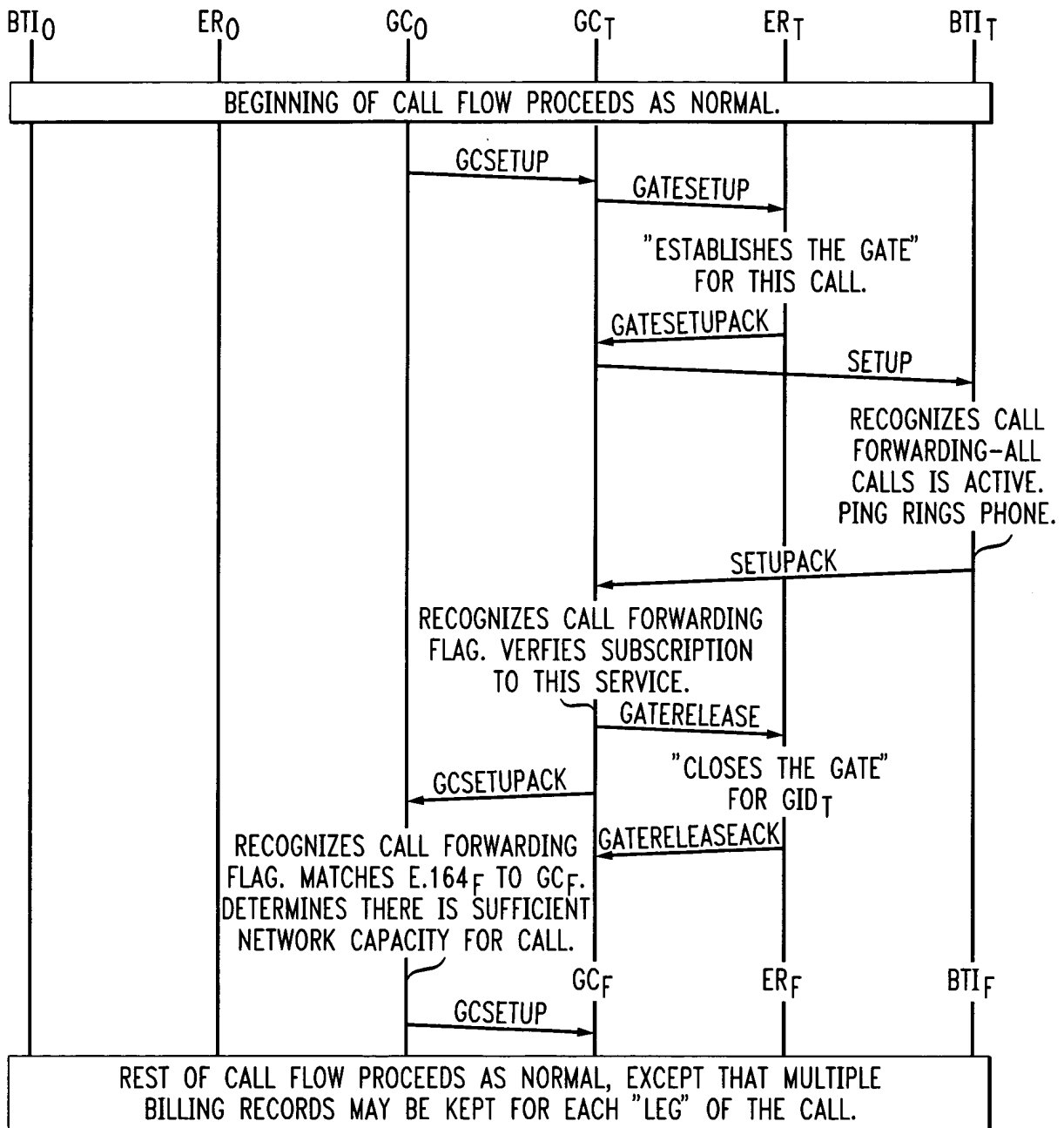


FIG. 16



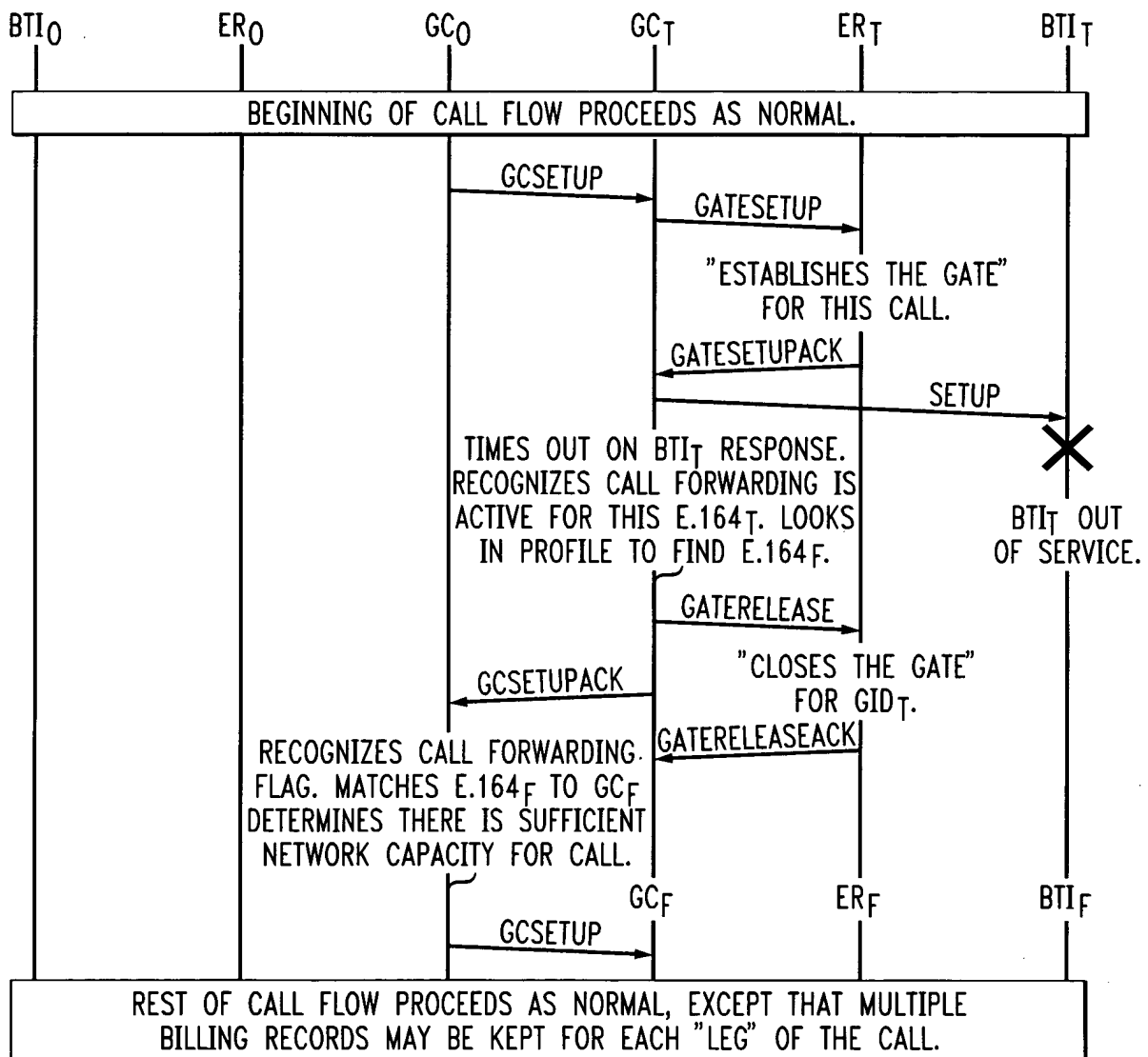
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FIG. 17



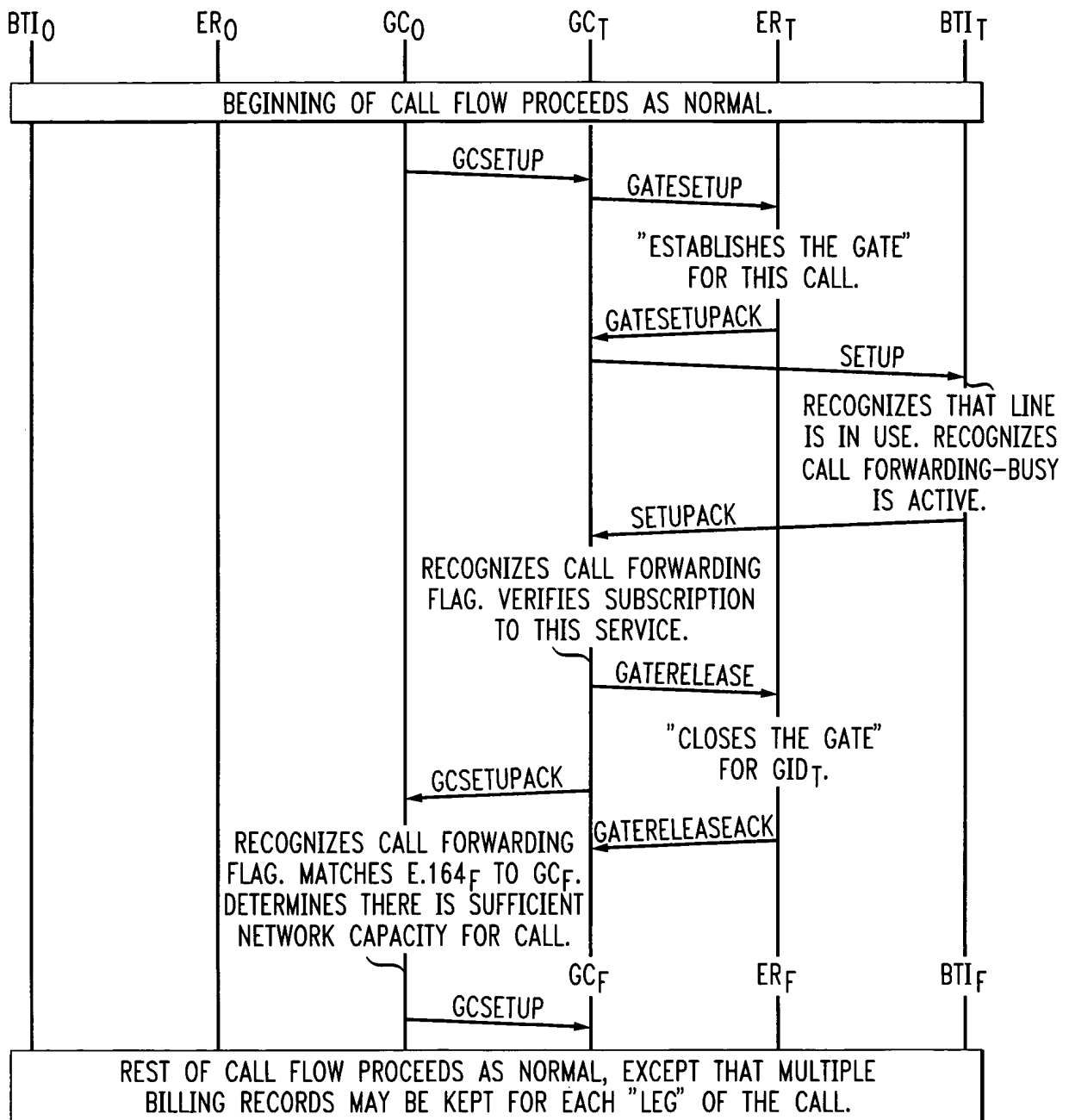
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FIG. 18



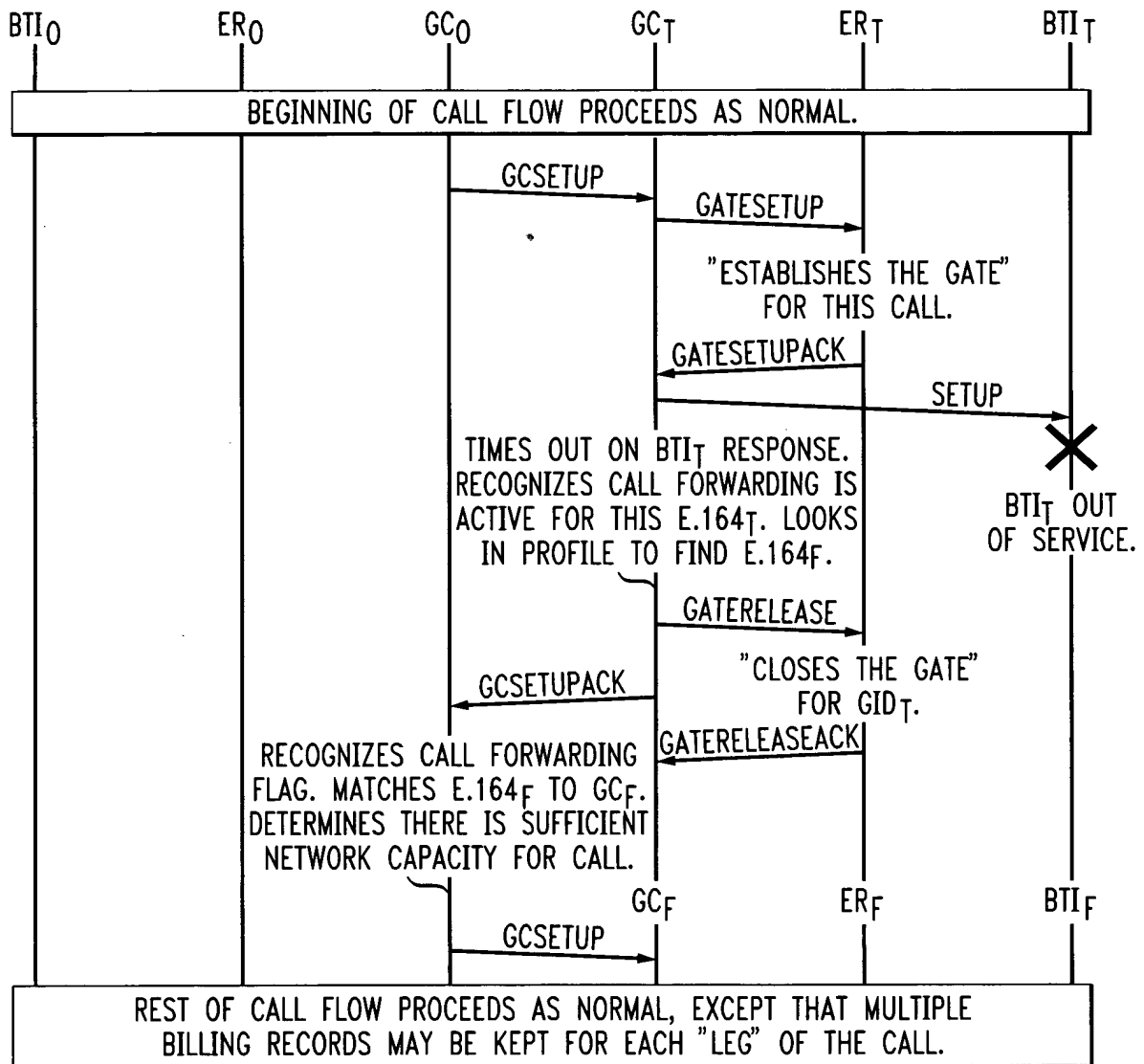
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FIG. 19



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FIG. 20



The diagram illustrates the call flow for a call forwarding scenario when no answer is received. It is divided into three main sections: BEGINNING OF CALL FLOW SAME AS BASIC CALL FLOW., MIDDLE OF CALL FLOW PROCEEDS AS NORMAL., and REST OF CALL FLOW PROCEEDS AS NORMAL, EXCEPT THAT MULTIPLE BILLING RECORDS MAY BE KEPT FOR EACH "LEG" OF THE CALL.

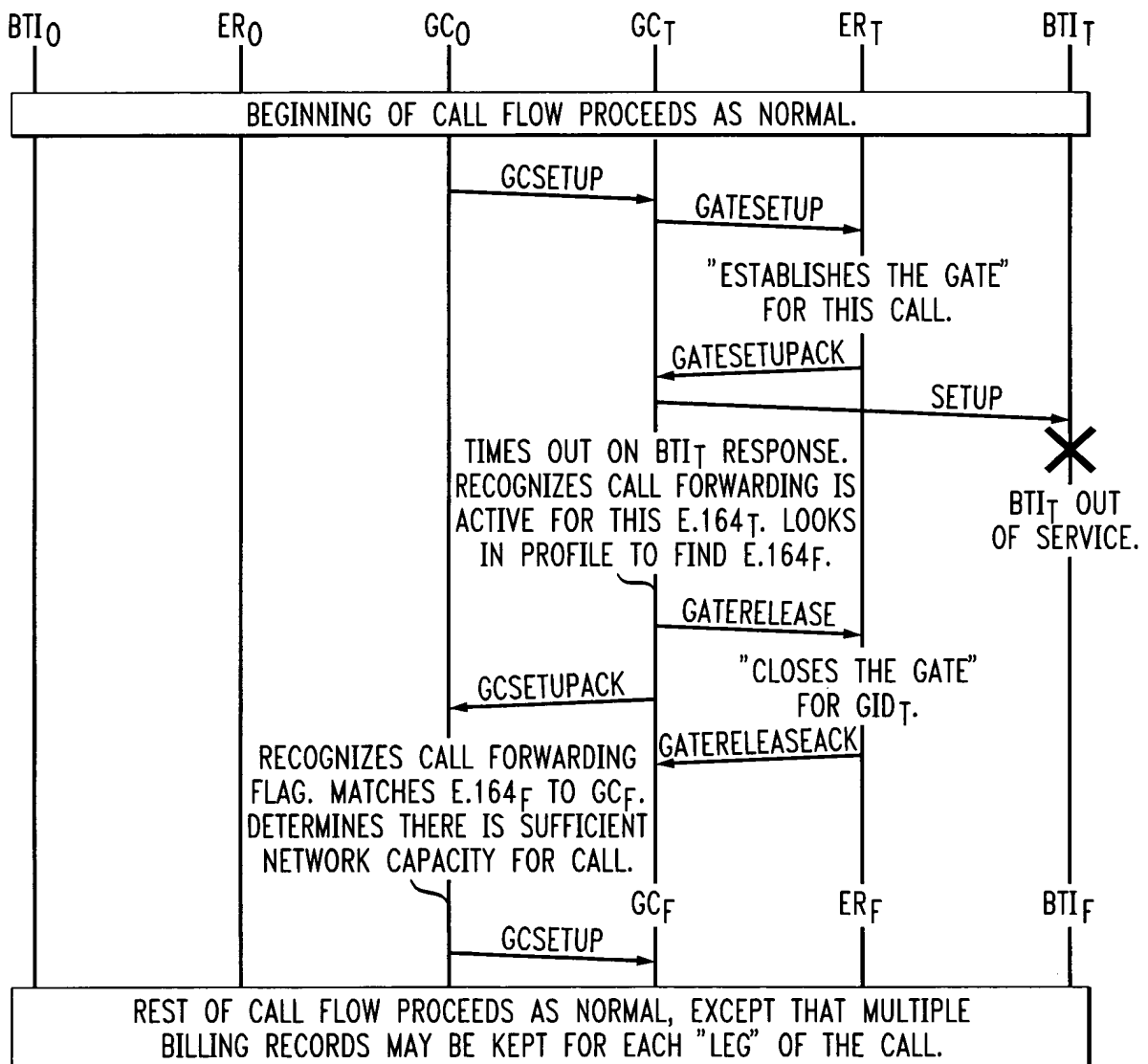
Participants: BTI₀, ER₀, GC₀, GC_T, ER_T, BTI_T, BTI_F.

Sequence of Events:

- BEGINNING OF CALL FLOW SAME AS BASIC CALL FLOW.**
 - BTI₀ sends RING to ER₀.
 - ER₀ sends RINGBACK to GC₀.
 - GC₀ sends RINGINGTIMEOUT to BTI₀.
 - BTI₀ sends STARTS RINGBACK to ER₀.
 - ER₀ sends REDIRECT to BTI_T.
 - BTI_T sends AUTHENTICATES BTI_T VIA AI. DECRYPTS [CI₀](GC_T) TO DETERMINE GC₀ AND E.164₀. VERIFIES SUBSCRIPTION TO CALL FORWARDING. to GC_T.
 - GC_T sends GCREDIRECT to GC₀.
 - GC₀ sends GATEINFO to ER₀.
 - ER₀ sends GATEINFOACK to GC₀.
 - GC₀ sends CALLHOLD to BTI₀.
 - BTI₀ sends CALLHOLDACK to GC₀.
 - GC₀ sends GCREDIRECTACK to GC_T.
 - GC_T sends GATERELEASE to ER_T.
 - ER_T sends GATERELEASEACK to GC_T.
 - GC_T sends REDIRECTACK to BTI_T.
 - BTI_T sends MATCHES E.164_F TO GC_F. DETERMINES THERE IS SUFFICIENT NETWORK CAPACITY FOR CALL. to GC_F.
 - GC_F sends GCSETUP to GC₀.
- MIDDLE OF CALL FLOW PROCEEDS AS NORMAL.**
 - GC₀ sends GATEMODIFY to ER₀.
 - ER₀ sends GATEMODIFYACK to GC₀.
 - GC₀ sends TRANSFER to BTI₀.
 - BTI₀ sends TRANSFERACK to GC₀.
- REST OF CALL FLOW PROCEEDS AS NORMAL, EXCEPT THAT MULTIPLE BILLING RECORDS MAY BE KEPT FOR EACH "LEG" OF THE CALL.**

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FIG. 22



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FIG. 23

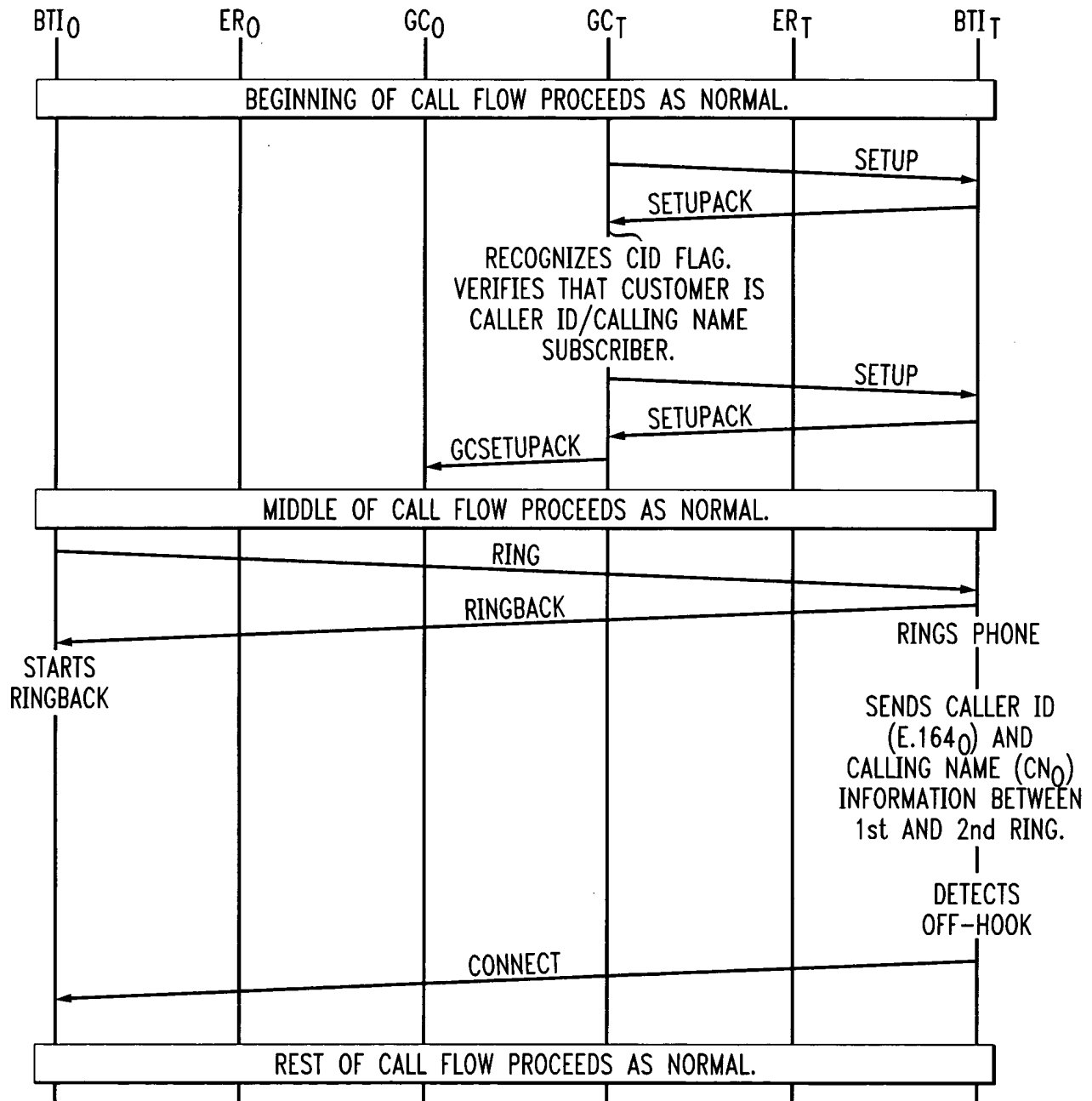


FIG. 24

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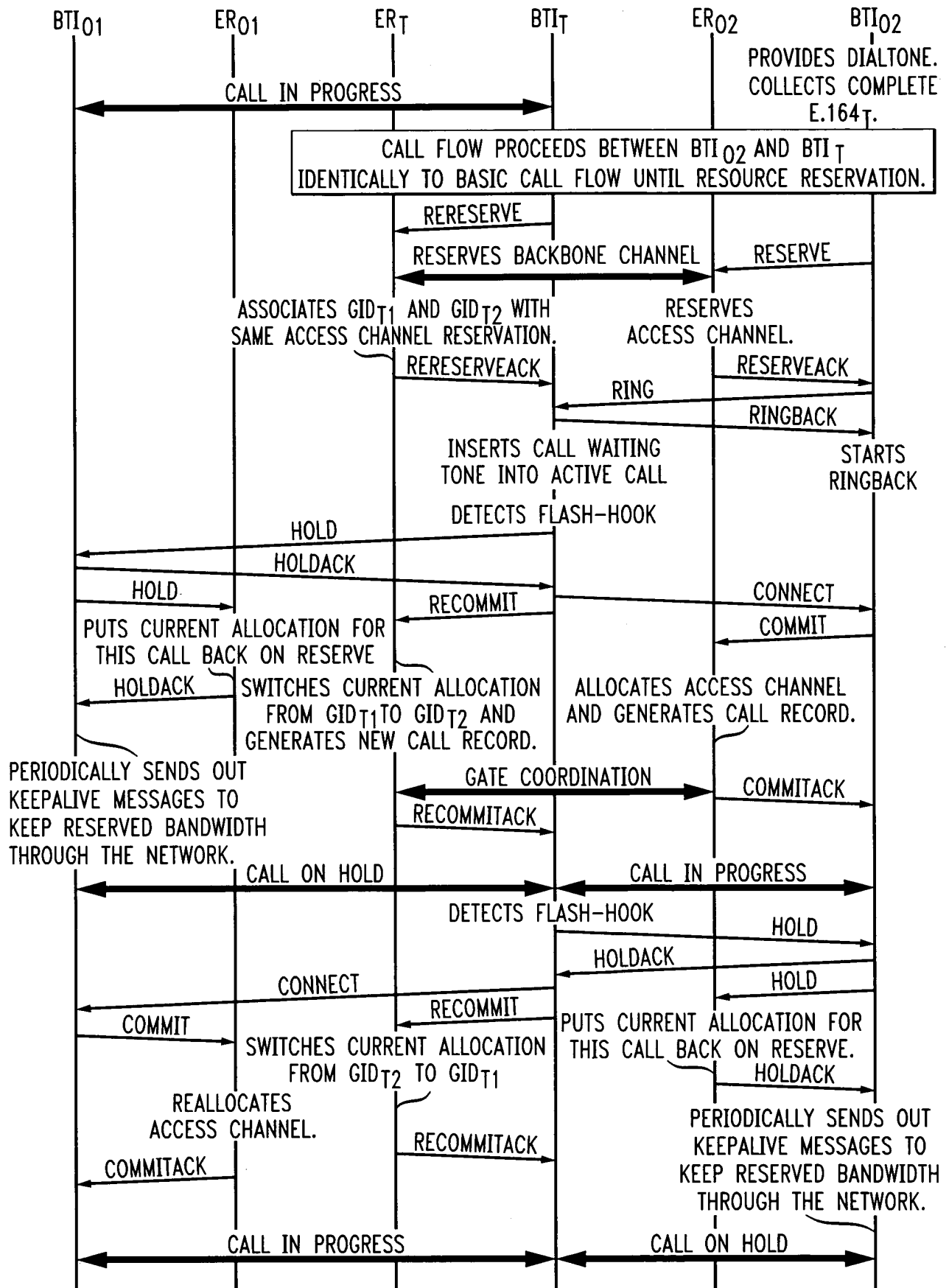


FIG. 25

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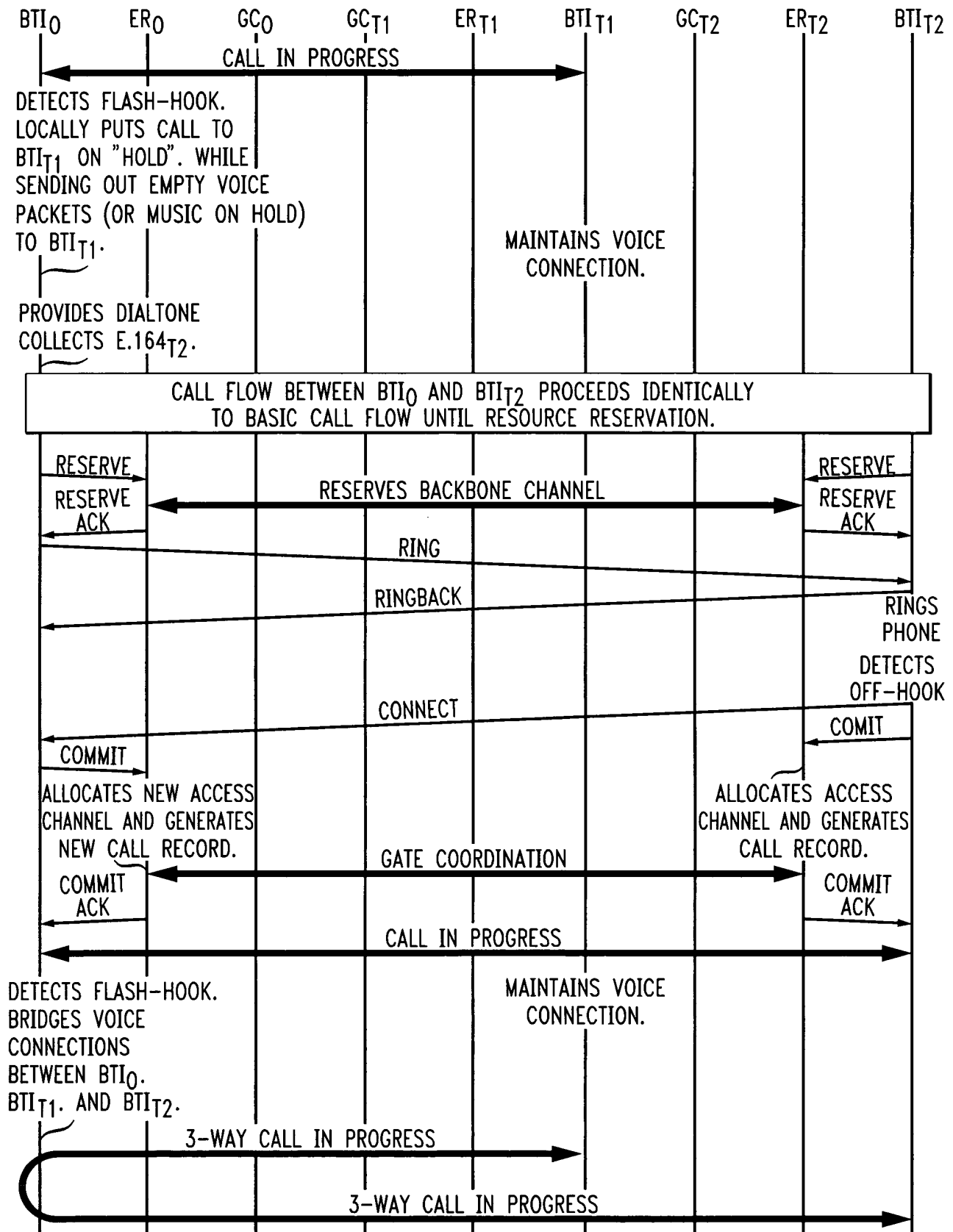


FIG. 26

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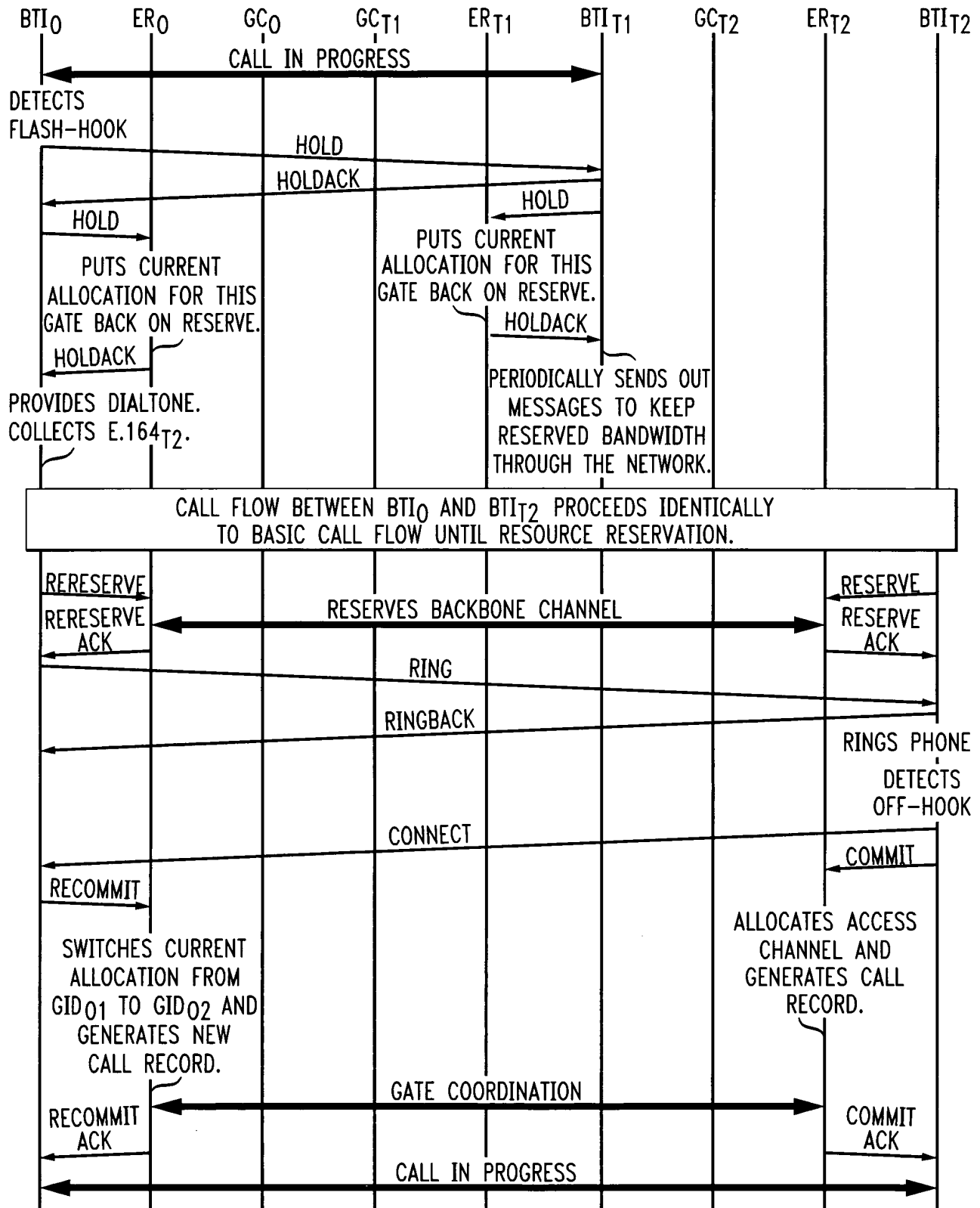


FIG. 27

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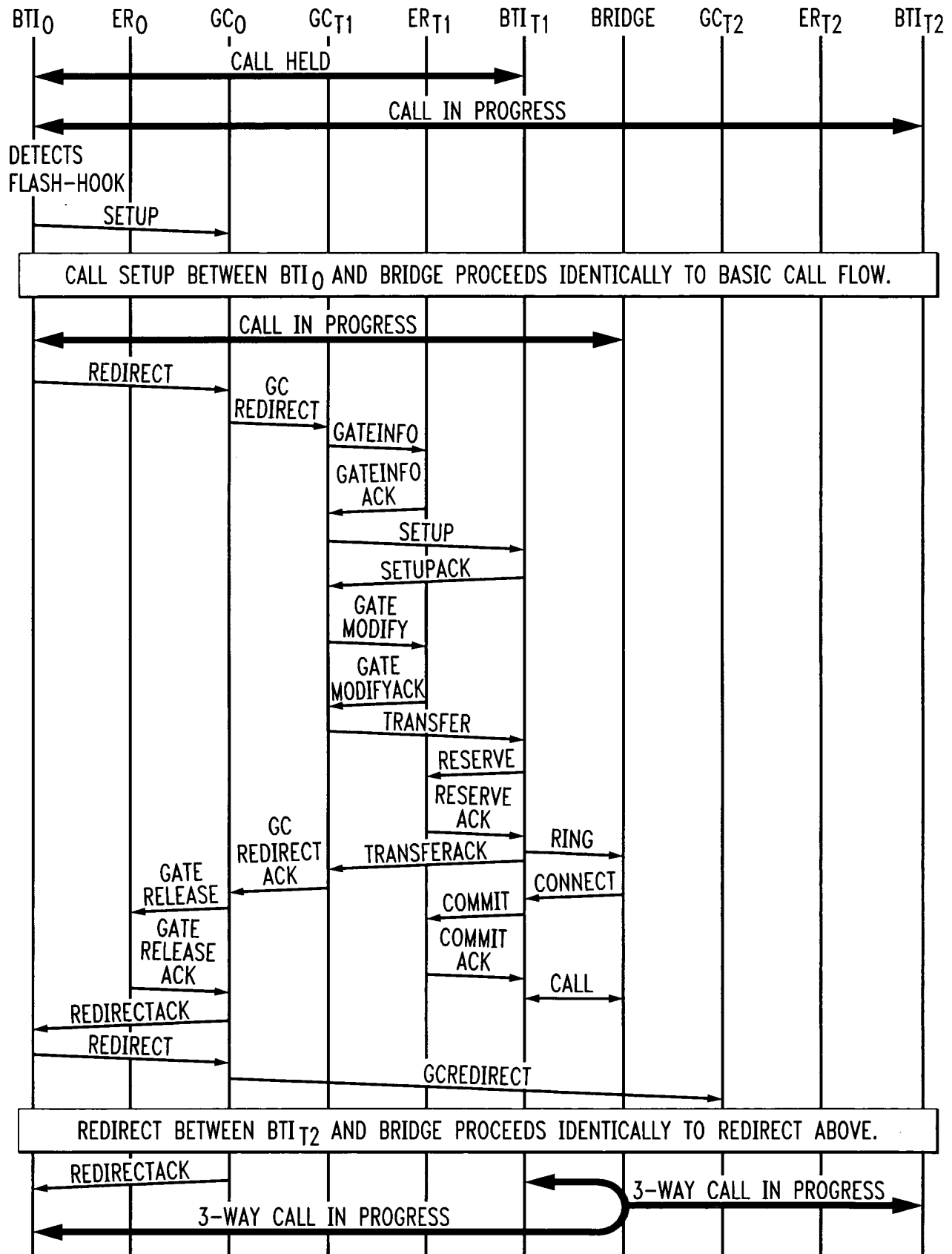


FIG. 28

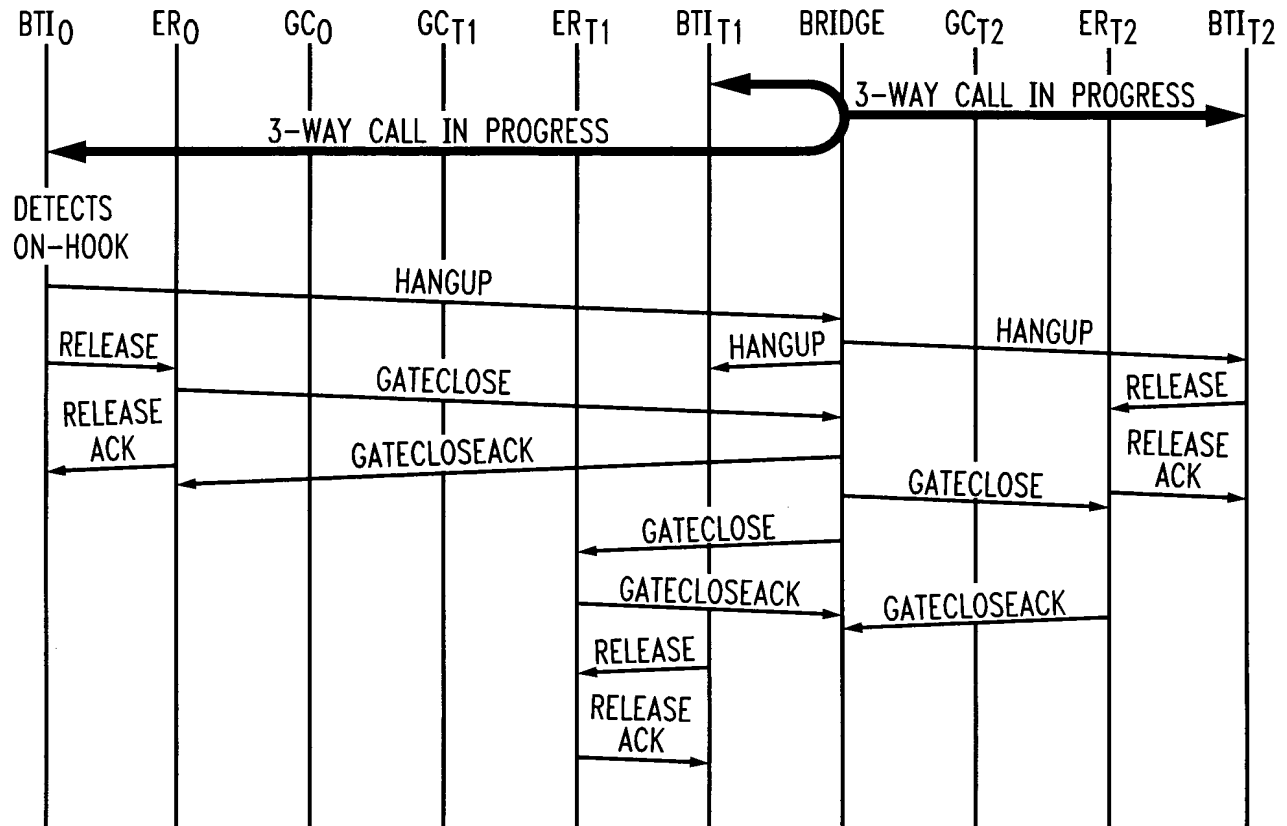
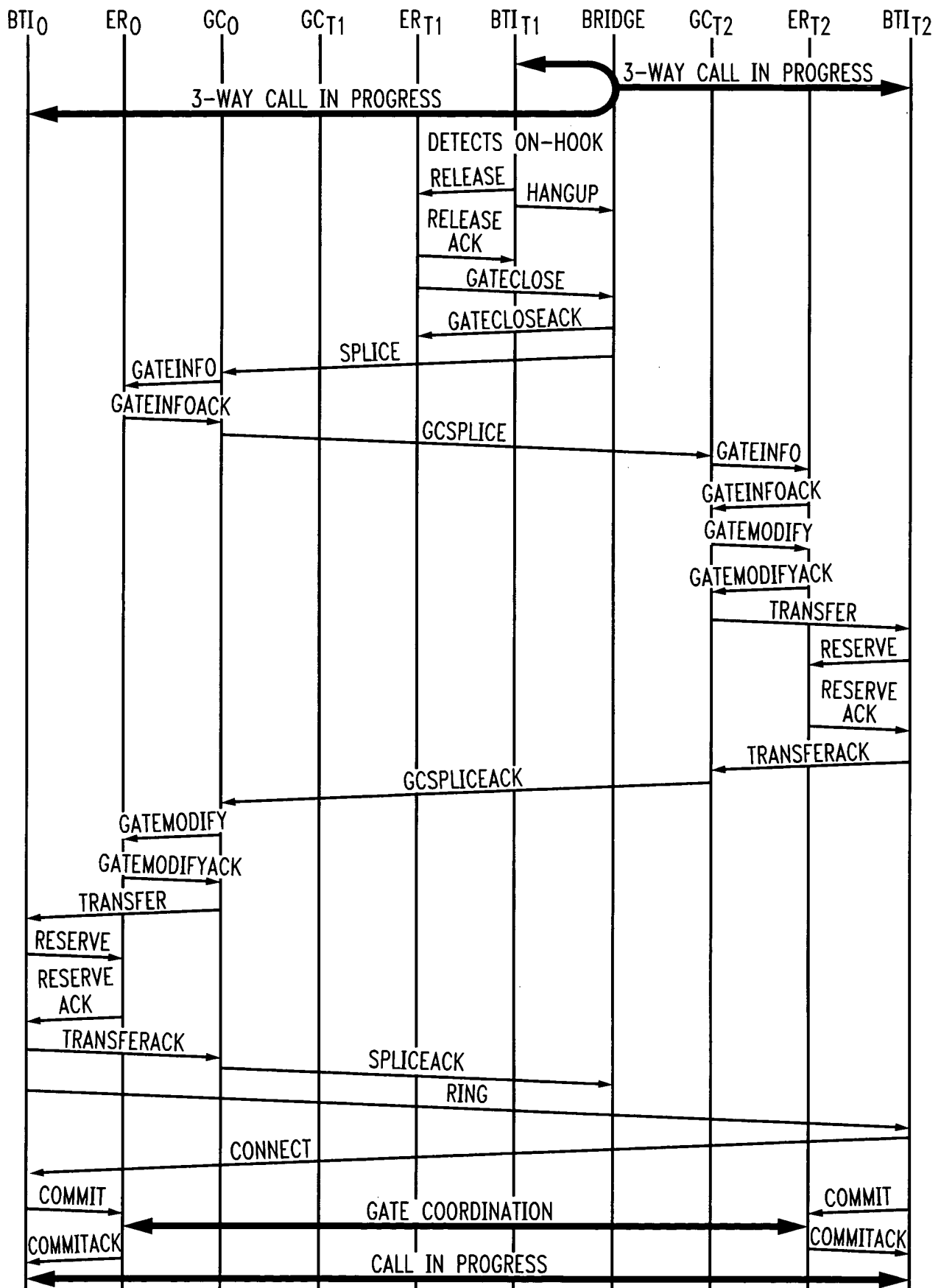


FIG. 29

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FIG. 30

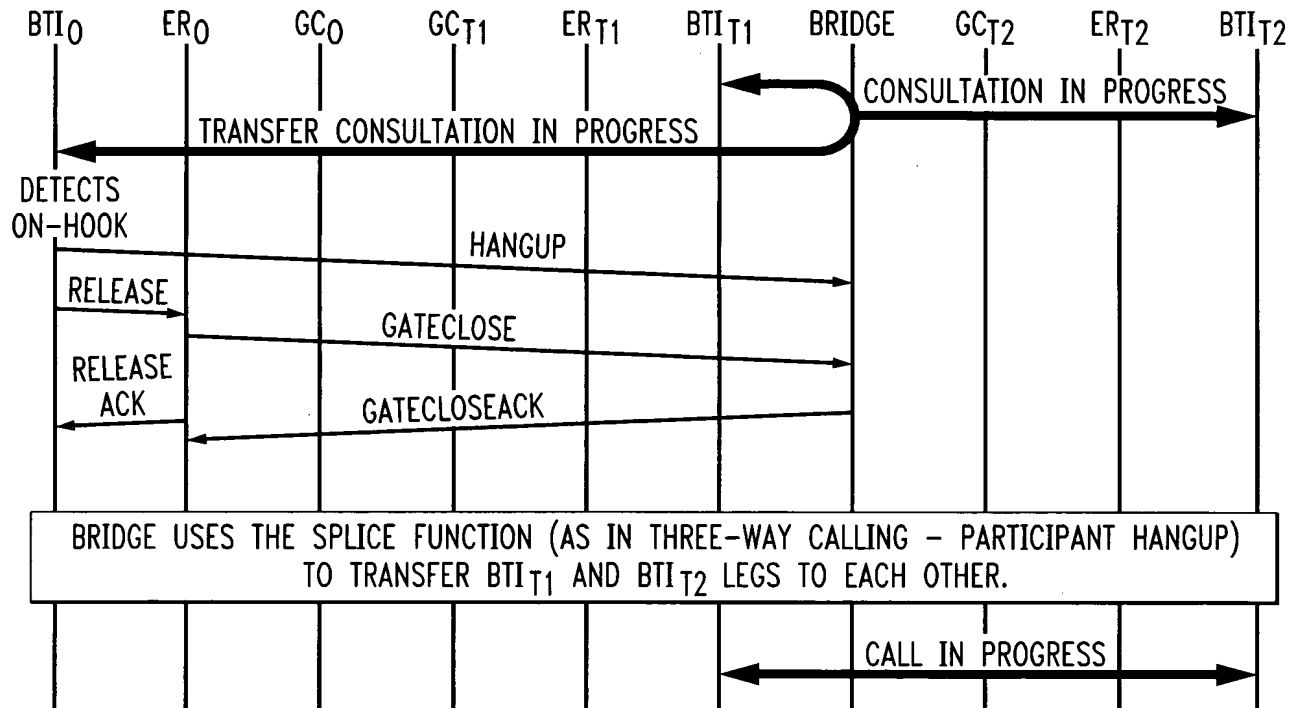


FIG. 31

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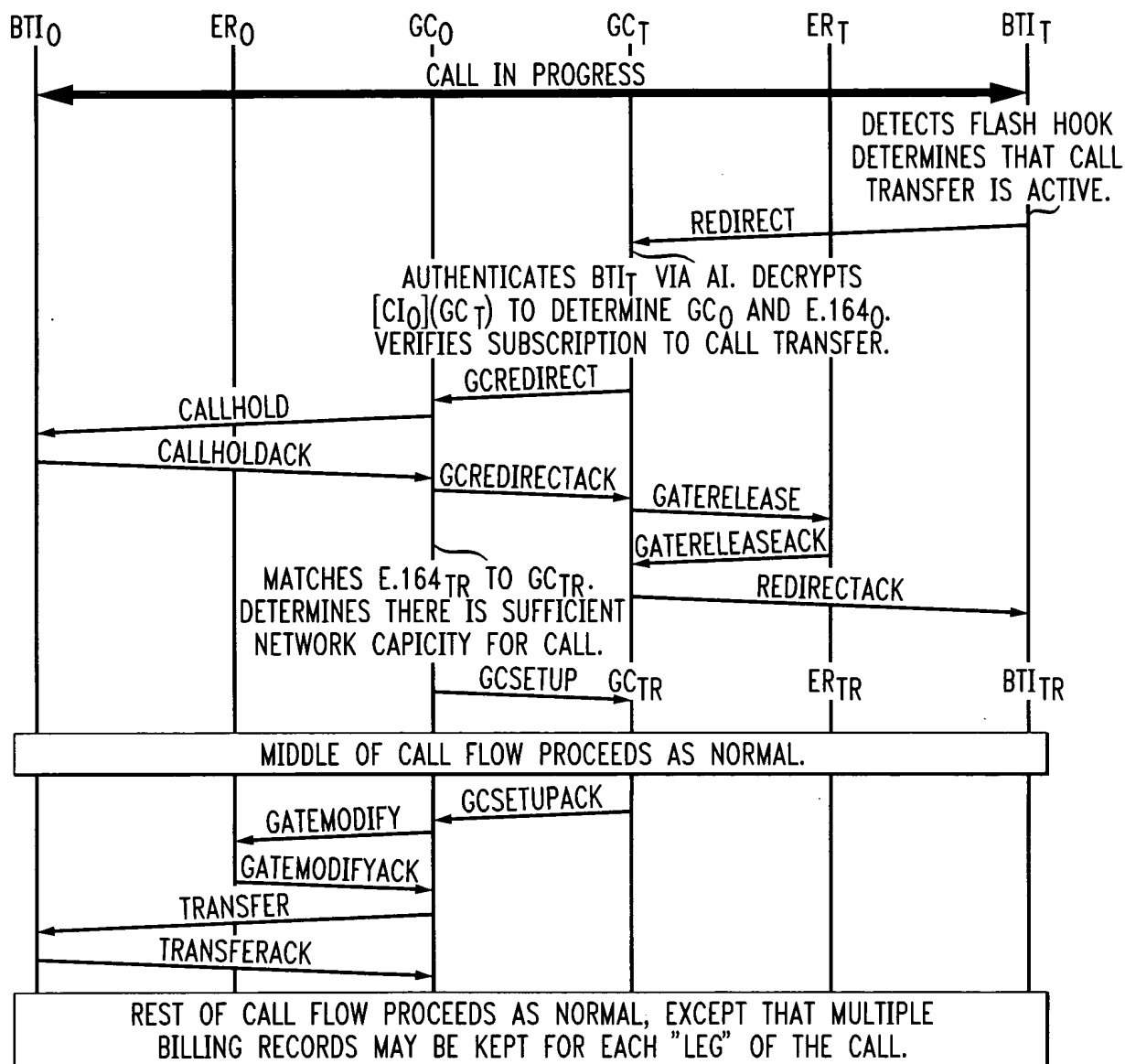


FIG. 32

